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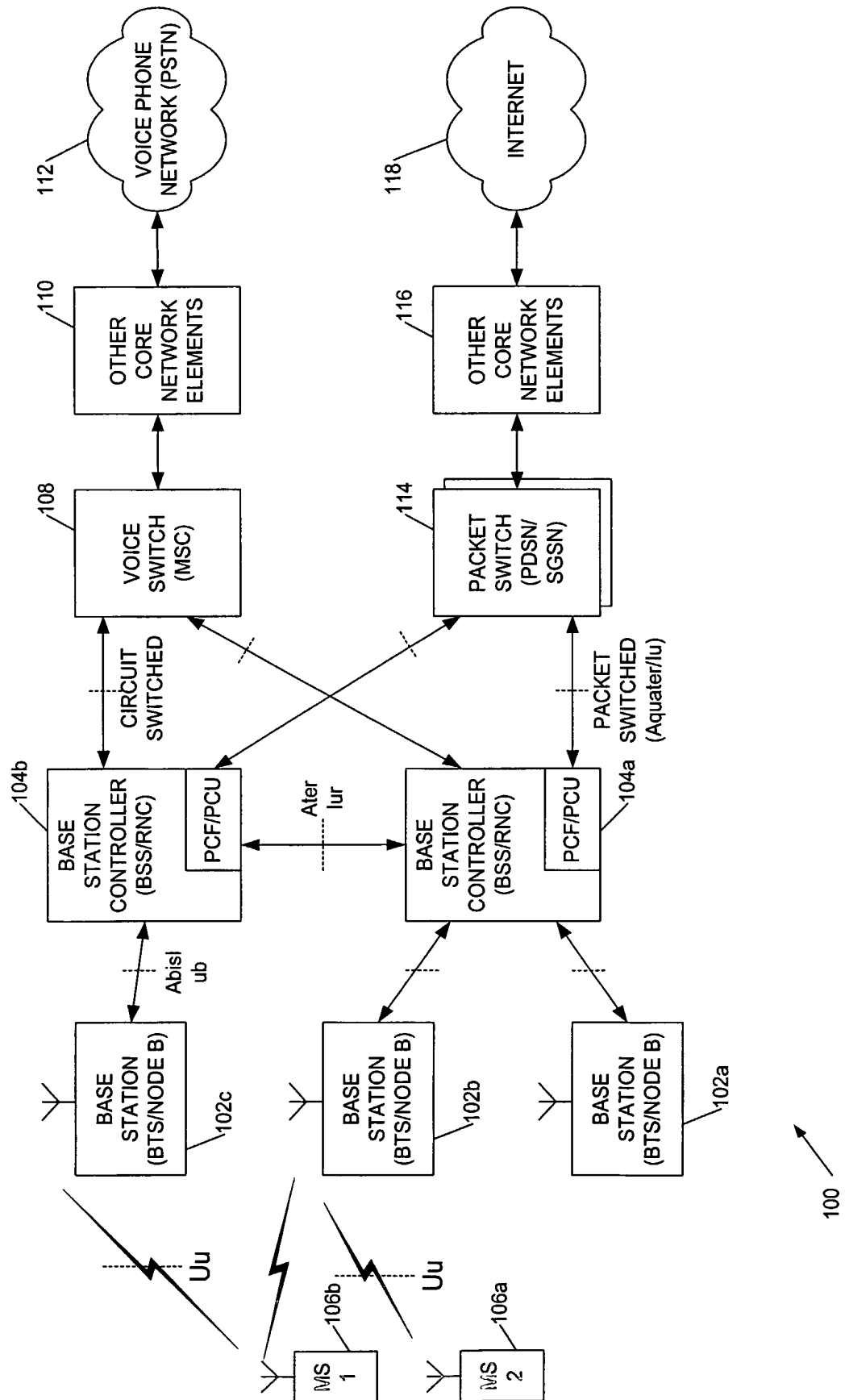
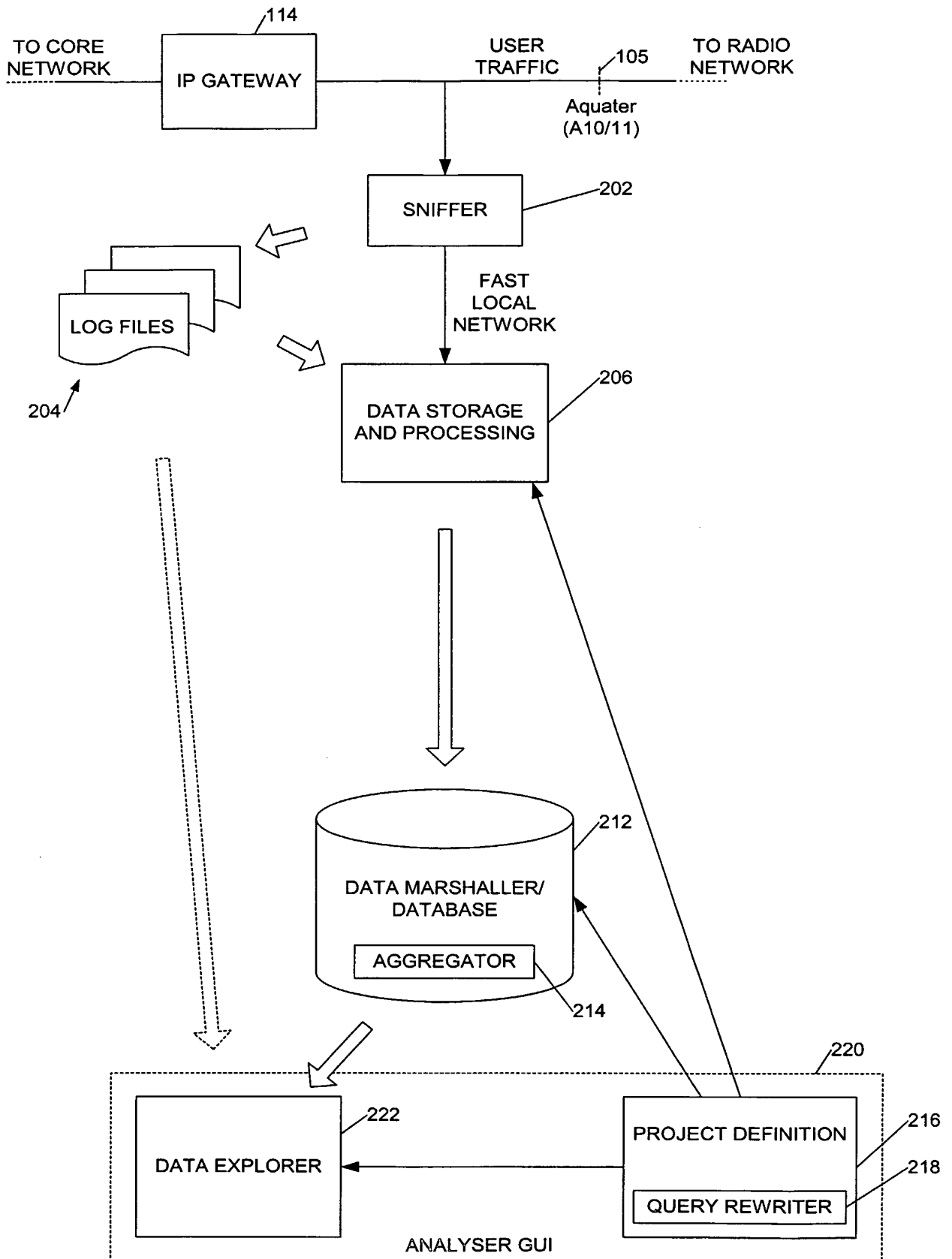


Figure 1

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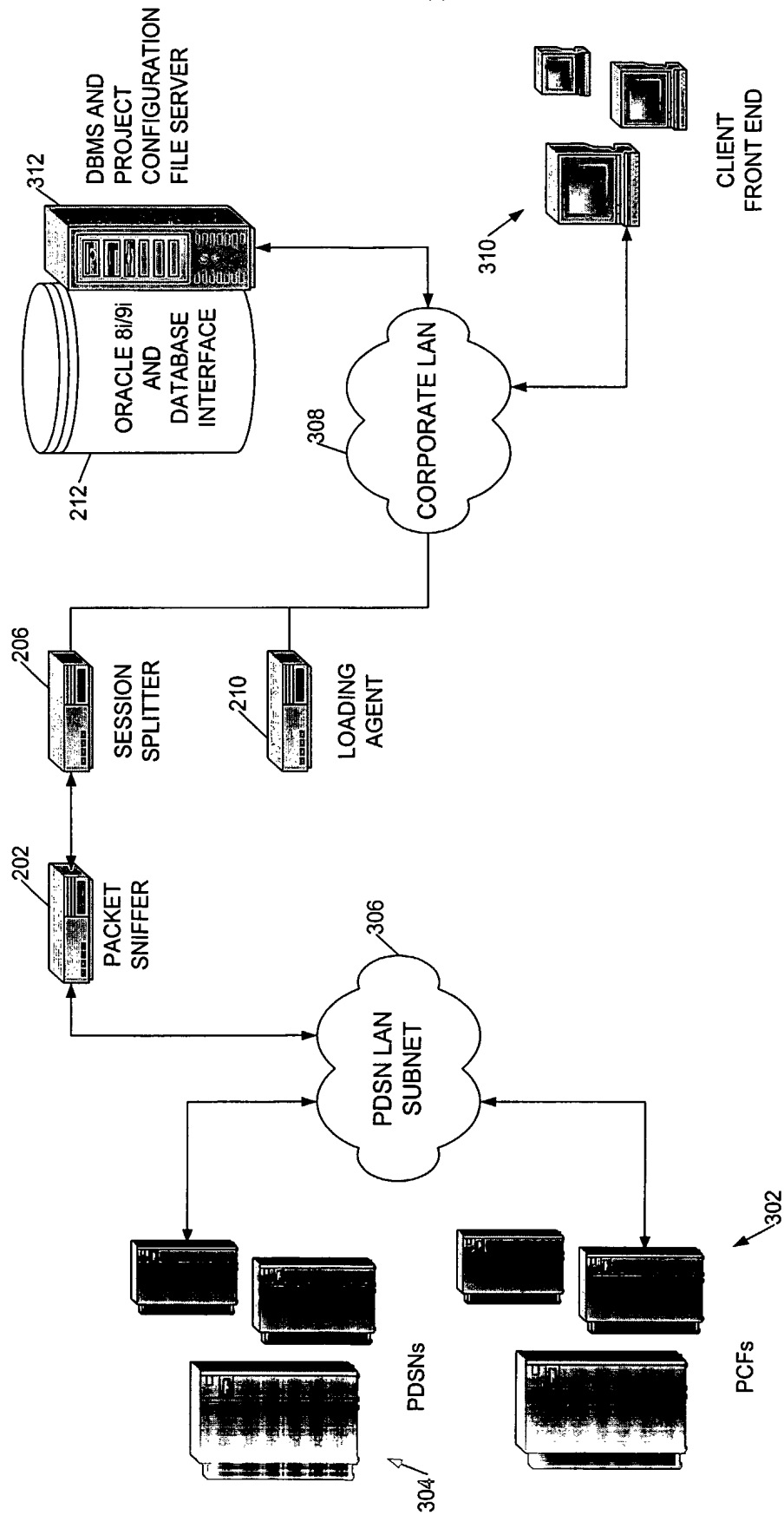
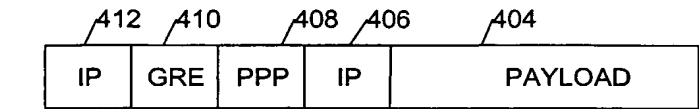
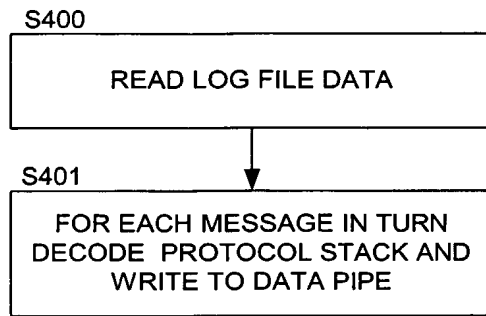


Figure 3

300

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402

Figure 4b

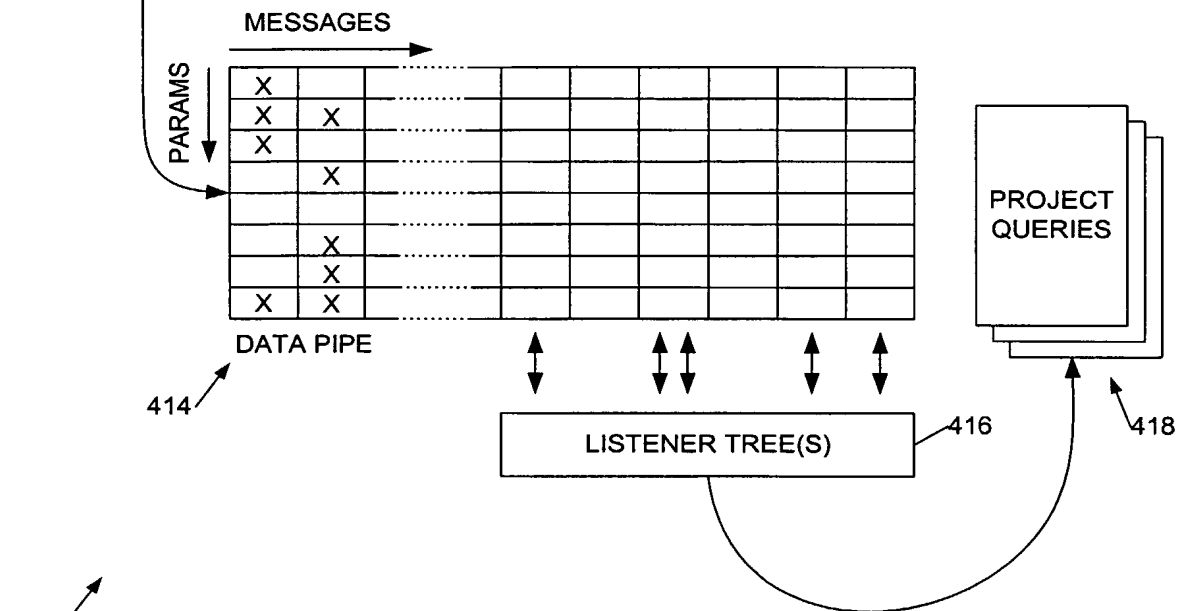


Figure 4a

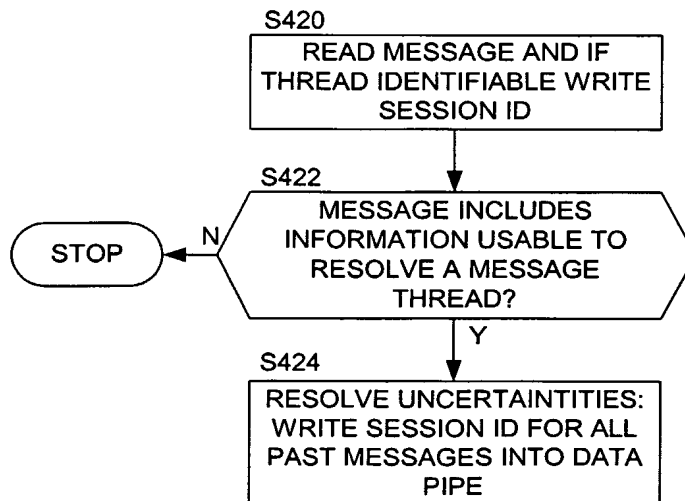


Figure 4c

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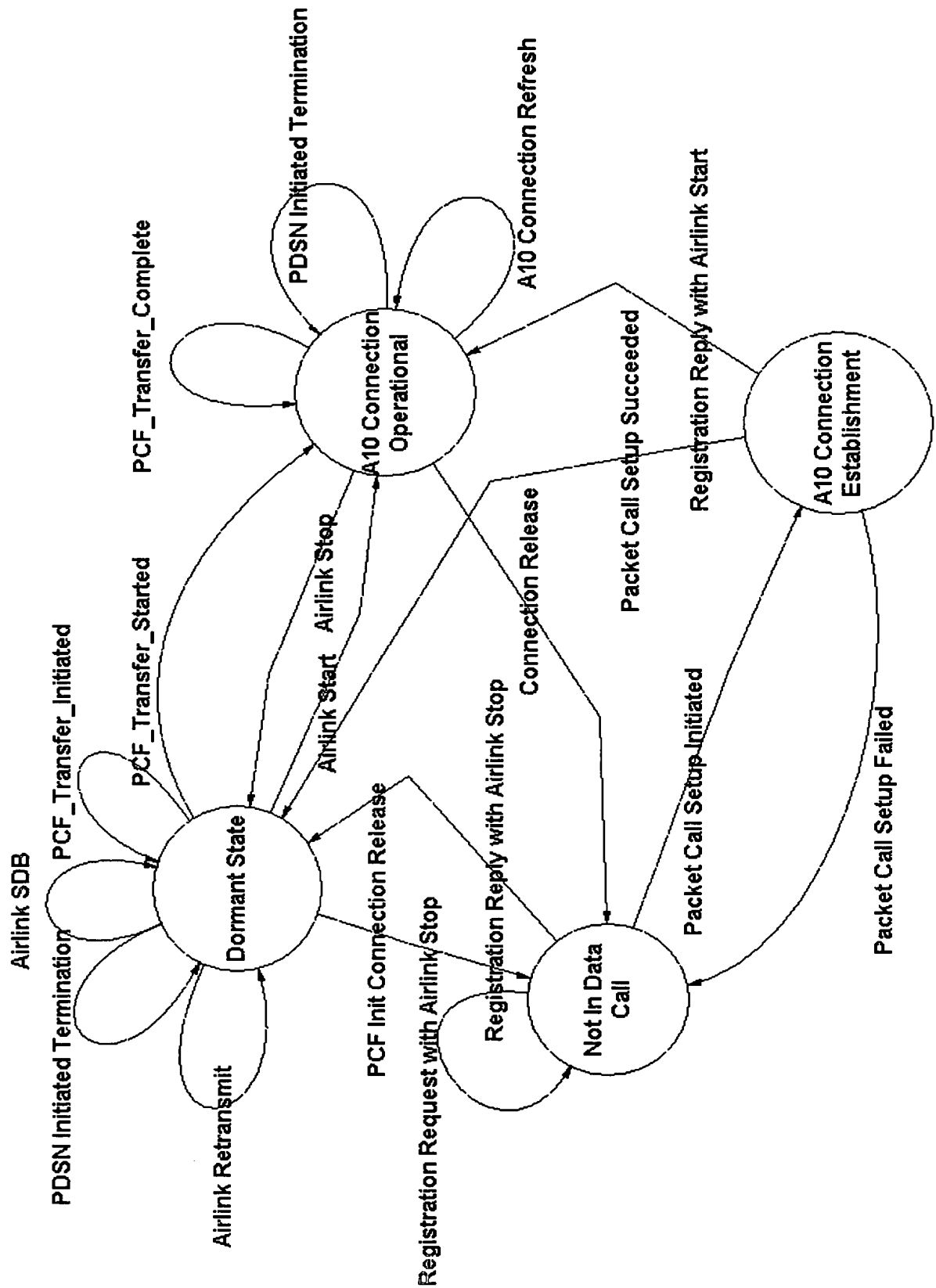


Figure 5a

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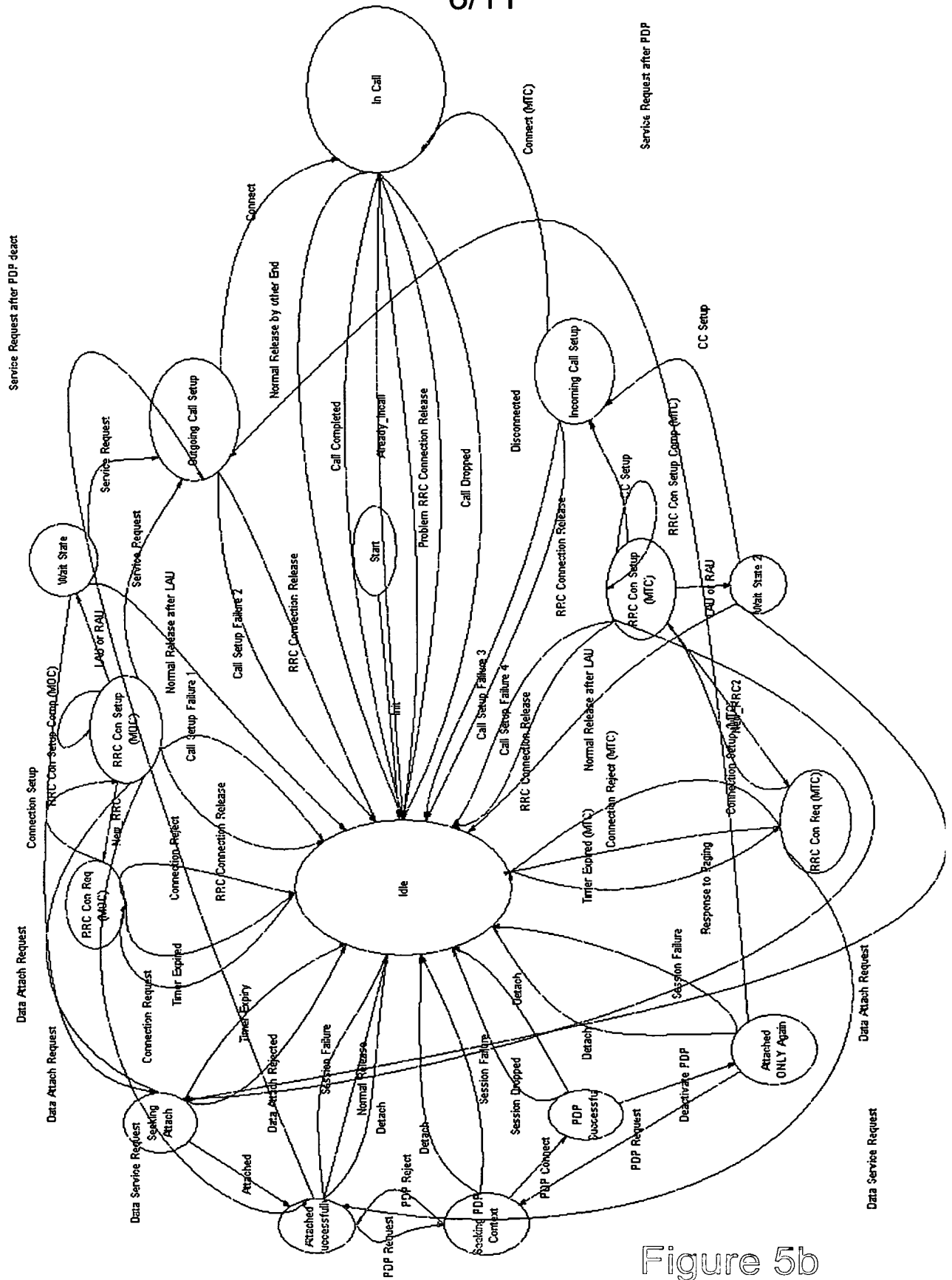


Figure 5b

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Protocol Stack Browser - 251002_packet_call_Kutoja_1:Nemo3GPP (0) - Uu RRC							
251002_packet_call_Kutoja_1:Nemo3GPP (0)							
Msg No.	Absolute	Relative	Offset	Message	RRC Cause	Layer 3	Events
000652	12:28:57.008	00:01:41.008	000000	BCCCH-BCH SysInfoType1			
000653	12:28:57.008	00:01:41.008	000000	BCCCH-BCH SysInfoType7			
000669	12:29:00.152	00:01:44.152	003144	UL-DCCH RRCConnectionRequest	RRC_registration		
000683	12:29:03.267	00:01:47.267	003115	UL-DCCH RRCConnectionRequest	RRC_registration		
000687	12:29:03.698	00:01:47.698	000431	DL-DCCH RRCConnectionSetup			
000688	12:29:04.918	00:01:48.918	000620	UL-DCCH RRCConnectionSetupComplete			
000693	12:29:04.679	00:01:48.679	000361	UL-DCCH InitialDirectTransfer		GPRS MM Attach request	
000694	12:29:04.679	00:01:48.679	000000			GPRS MM Attach request	
000695	12:29:04.959	00:01:48.959	000280	DL-DCCH DownlinkDirectTransfer		GPRS MM Attach Accept	
000696	12:29:04.959	00:01:48.959	000000			GPRS MM Attach Accept	
000697	12:29:04.969	00:01:48.969	000010	UL-DCCH UplinkDirectTransfer		GPRS MM Attach complete	GPRS Attach Successful
000698	12:29:04.969	00:01:48.969	000000			GPRS MM Attach complete	
000712	12:29:07.874	00:01:51.874	002905	UL-DCCH UplinkDirectTransfer		GPRS SM Activate PDP Context request	
000713	12:29:07.874	00:01:51.874	000000			GPRS SM Activate PDP Context request	
000714	12:29:08.524	00:01:52.524	000650	DL-DCCH RadioBearerSetup			
000715	12:29:08.565	00:01:52.565	000041	UL-DCCH RadioBearerSetupComplete			
000720	12:29:08.835	00:01:52.835	000270	DL-DCCH MeasurementControl			
000721	12:29:09.055	00:01:53.055	000220	UL-DCCH DownlinkDirectTransfer		GPRS SM Activate PDP Context accept	GPRS PDP Context Activation Successful
000722	12:29:09.055	00:01:53.055	000000			GPRS SM Activate PDP Context accept	
000726	12:29:09.246	00:01:53.246	000191	UL-DCCH MeasurementReport			
000731	12:29:10.377	00:01:54.377	001131	DL-DCCH RadioBearerReconfiguration			
000741	12:29:11.979	00:01:55.979	001402	UL-DCCH RadioBearerReconfigurationComplete			
000749	12:29:14.233	00:01:58.233	002454	UL-DCCH MeasurementReport			
000769	12:29:19.010	00:02:03.010	004777	UL-DCCH MeasurementReport			
000800	12:29:28.013	00:02:12.013	009003	UL-DCCH MeasurementReport			
000824	12:29:34.061	00:02:18.061	006048	UL-DCCH MeasurementReport			
000845	12:29:40.210	00:02:24.210	006149	UL-DCCH MeasurementReport			
000859	12:29:42.834	00:02:26.834	006254	UL-DCCH UplinkDirectTransfer		GPRS SM Deactivate PDP Context request	
000860	12:29:42.834	00:02:26.834	000000			GPRS SM Deactivate PDP Context request	
000861	12:29:43.264	00:02:27.264	000430	DL-DCCH DownlinkDirectTransfer		GPRS SM Deactivate PDP Context accept	GPRS PDP Context Deactivation Successful
000862	12:29:43.264	00:02:27.264	000000			GPRS SM Deactivate PDP Context accept	
000864	12:29:43.284	00:02:27.284	000020	UL-DCCH UplinkDirectTransfer		GPRS MM Detach request	GPRS Detach Successful
000866	12:29:43.284	00:02:27.284	000000			GPRS MM Detach request	GPRS Detach Successful
000867	12:29:43.485	00:02:27.485	000201	DL-DCCH RadioBearerRelease			
000872	12:29:43.675	00:02:27.675	000190	DL-DCCH DownlinkDirectTransfer		GPRS MM Detach accept	
000873	12:29:43.675	00:02:27.675	000000			GPRS MM Detach accept	
000878	12:29:44.937	00:02:28.937	001262	UL-DCCH RadioBearerReleaseComplete			
000879	12:29:45.227	00:02:29.227	000290	DL-DCCH RRCConnectionRelease			
000880	12:29:45.237	00:02:29.237	000010	UL-DCCH RRCConnectionReleaseComplete			
000295 12:28:04.873 GPRS MM - DETach REQUEST UL-DCCH UplinkDirect Transfer							
UL_DCCH_Message							
- message: uplinkDirect Transfer							
on_DomainIdentity: 0: RRC_ps_domain							
GPRS Protocol discriminator: GPRS Mobility Management Msg Type: Detach request Force to standby: Force to standby not indicated Power Off: normal detach, Detach Type: (MS->net: GPRS detach) or (net->MS: re-attach required)							
Mobile Identity[0]: 244, [1]: 24, [2]: 144, [3]: 75, [4]: 56							
EI: Radio Cause, P-TMSI signature 2: 11288539							
GPRS MM - DETach REQUEST							

Figure 5c

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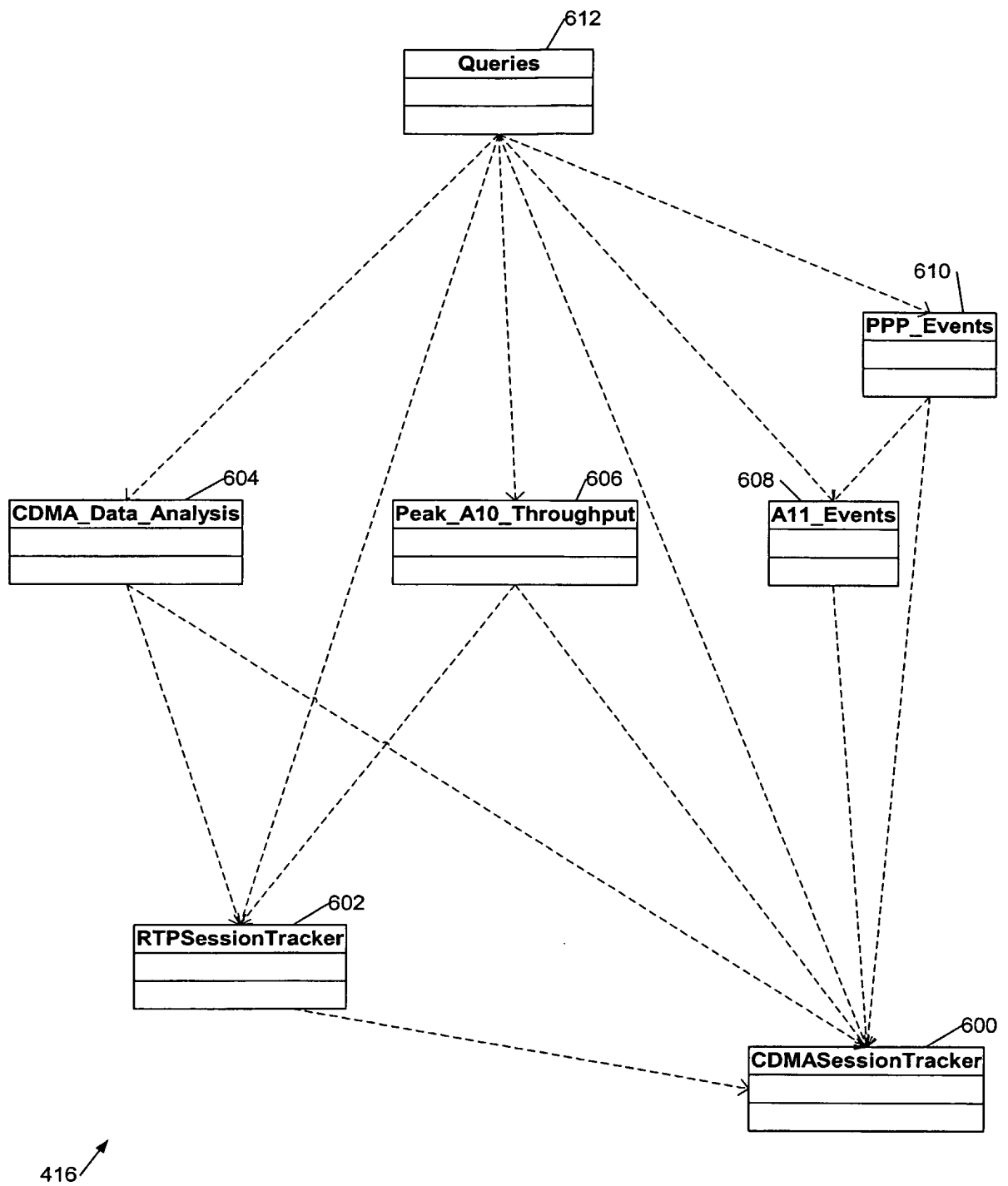


Figure 6



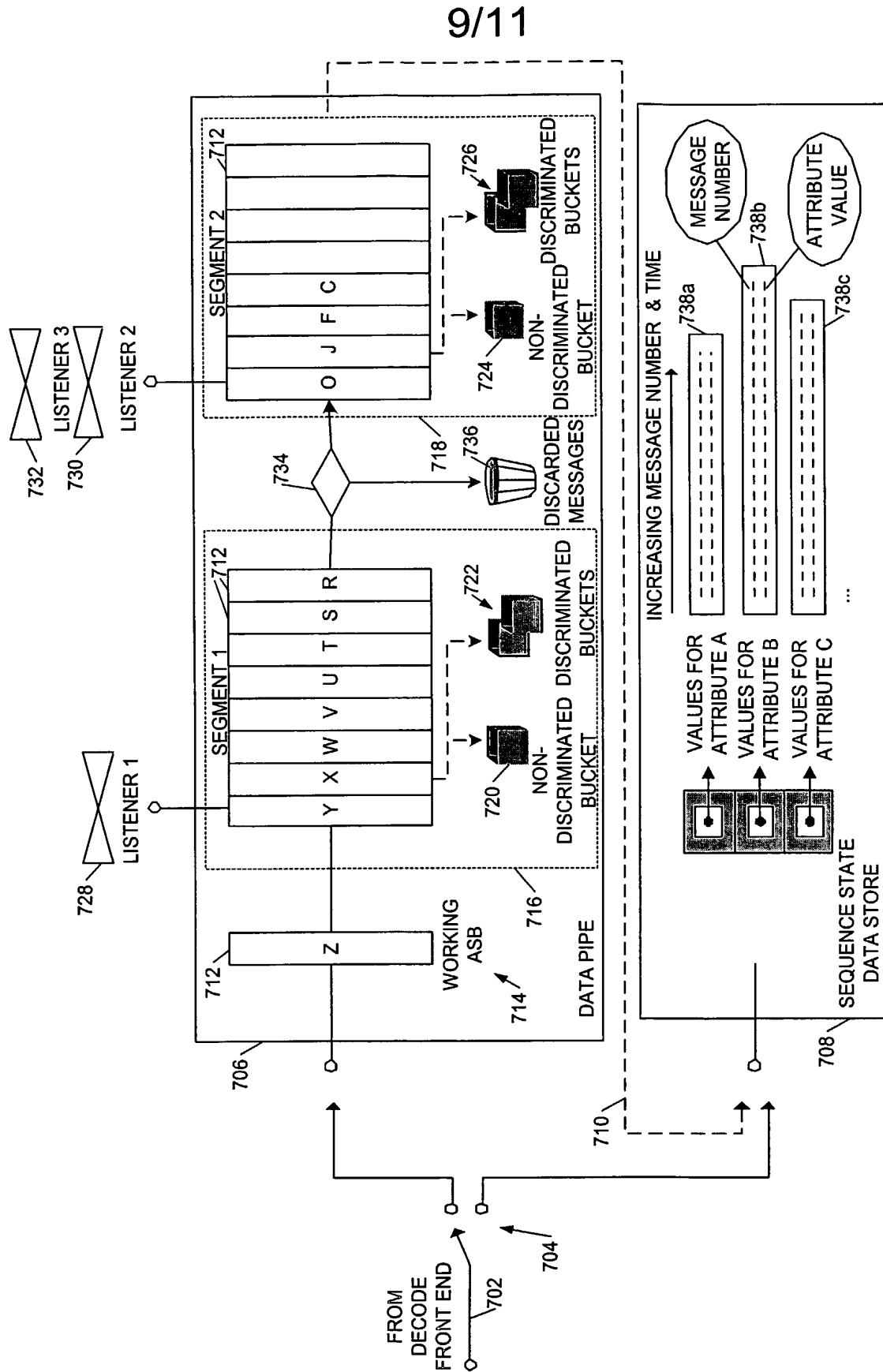


Figure 7a

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BUILD LISTENER  
DEPENDENCY  
TREE:

S750

INPUT DESIRED OUTPUT  
PARAMETERS/QUERIES/PROJECT  
DEFINITION

S752

DO UNTIL ALL LISTENERS  
ATTRIBUTES REQUIREMENTS MET:

S754

FOR THE CURRENT SET OF  
LISTENERS READ THE REQUIRED  
ATTRIBUTES FROM THE LISTENER  
REQUIREMENTS DATA FILE

S756

DETERMINE THE LISTENERS  
NEEDED TO PROVIDE THE  
REQUIRED ATTRIBUTES

ALL ATTRIBUTE  
REQUIREMENTS  
MET

758

LISTENER  
REQUIREMENTS  
DATA

PRIORITISE  
LISTENERS AND  
SEGMENT DATA  
STRUCTURE:

S760

ATTACH ALL LISTENERS AT  
SEGMENT 0, PRIORITY 0

S762

DO, FOR EVERY LISTENER, FOR  
EVERY OTHER LISTENER, UNTIL NO  
CHANGES:

NO  
CHANGES

S772

OUTPUT DATA  
STRUCTURE  
CONFIGURATION  
FILE

S764

READ MINIMUM TIME/MESSAGE  
REQUIREMENTS DATA

S766

WILL THE PARENT FIRE  
SUFFICIENTLY BEFORE ME?

YES

NO

S768

IF A TIME/NO. OF MESSAGES  
WINDOW REQUIREMENT MOVE THE  
LISTENER UP ONE SEGMENT

S770

IF NO TIME/NO. OF MESSAGES  
WINDOW REQUIREMENT INCREASE  
THE LISTENER PRIORITY BY ONE

758

LISTENER  
REQUIREMENTS  
DATA

Figure 7b

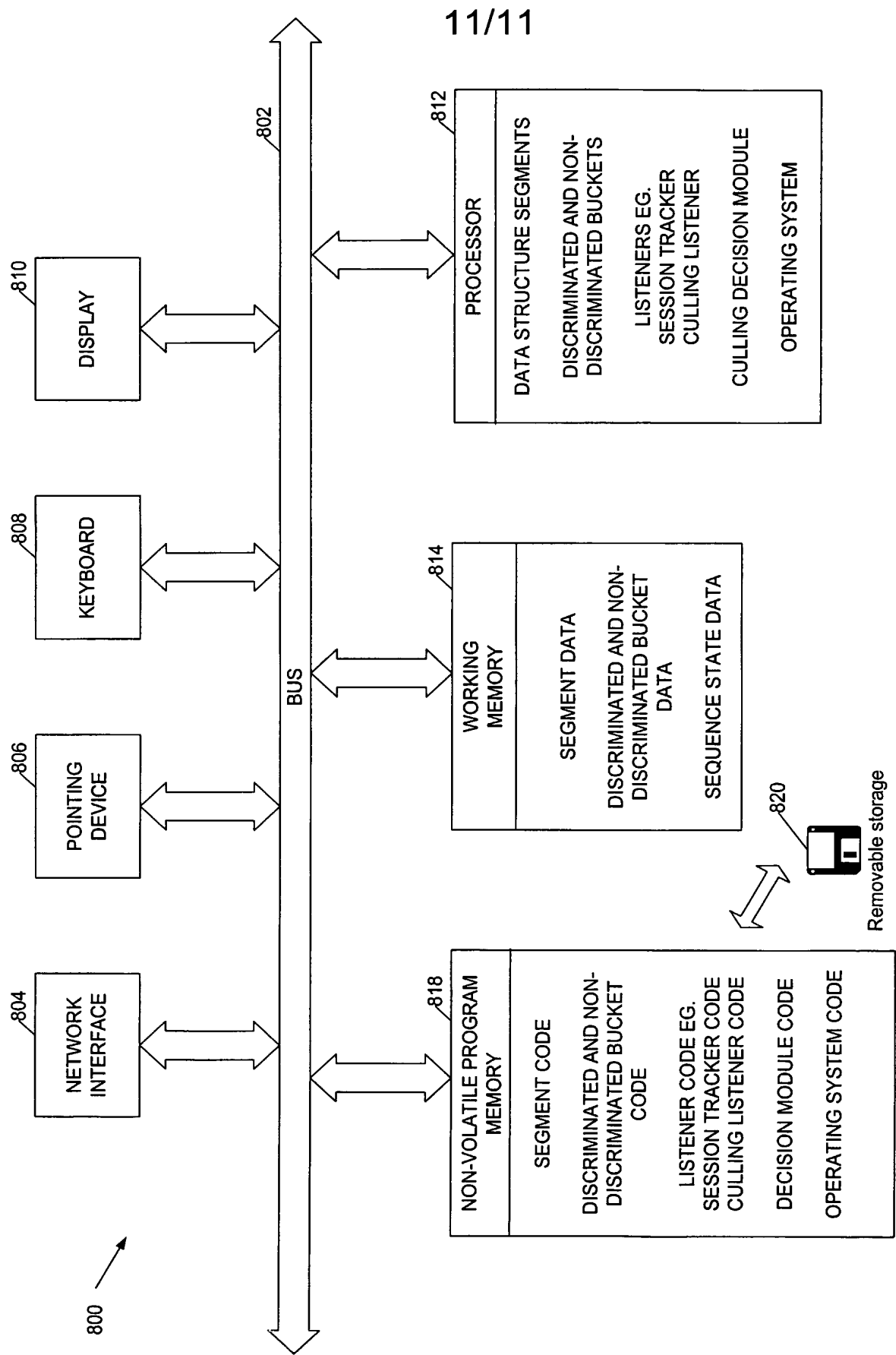


Figure 8